

Switching Power Adaptor DPS12LZ-SPA Series

Features

- ◆ AC input voltage range 90-264VAC
- ◆ Protections against: short circuit/over current/over voltage
- ◆ Energy efficiency level VI



DPS12LZ-SPA

Input Voltage Range	90-264VAC	Operating Temperature	-5~45°C
Input Current	0.5A	Storage Temperature	-40~70°C
Average Efficiency	Energy efficiency level VI	Operating Humidity	5% to 95% non condensing
Output Voltage Tolerance	±5%	MTBF	100,000 hours at full load at 25°C ambient, calculated per MIL-HDBK-217
Standby Power	0.075W MAX		
Safety Standard	CE(EN62368-1), cULus(UL62368-1), PSE(J62368-1), RCM(AS/NZS62368-1), CB(IEC62368-1), FCC(Part 15), ST(IEC60950-1)		
Weight	75g	Dimensions	62mm (L) ;29mm (W) ;40mm (H)
Applications	ITE		

Output data (DPS12LZ-SPA)

ST FC CB CE 

Model	Voltage (V)	Current (A)	Ripple (mV)	VI	Av. Eff. (%)
DPS12LZ-120YYYSPA	12.0	0.01-1.00	300	Y Y	83.26

YYY:001-100 stands for current 0.01-1.00A

Z: U-AC Plug for US
V-AC Plug for EU
B-AC Plug for UK
S-AC Plug for AU

Standard

EMC standard	EN55032/CISPR32;EN55035/CISPR35
Conduction & Radiation	EN55032/CISPR32 Class B
Harmonic Currents	IEC/EN 61000-3-2 Class A
Voltage Flicker	IEC/EN 61000-3-3
ESD	IEC/EN 61000-4-2 ±8KV Air, ±4KV Contact Class B
Radiated Immunity	IEC/EN 61000-4-3 4V/m Class B
EFT/Burst	IEC/EN 61000-4-4 ±2KV Class B
Surge	IEC/EN 61000-4-5 ±4KV DM, ±6KV CM
Conducted Immunity	IEC/EN 61000-4-6 4Vrms Class B
Dips & Interruptions	IEC/EN 61000-4-11 0%, 70%, 0% of UT